

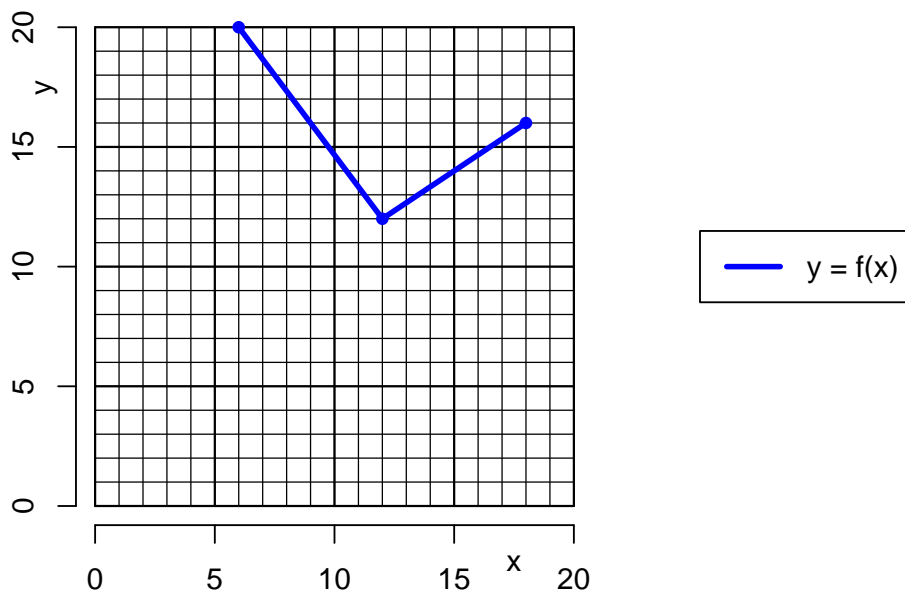
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 42)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 20)$  and  $(12, 12)$  and  $(18, 16)$ , as shown on the  $x$ - $y$  plane below.

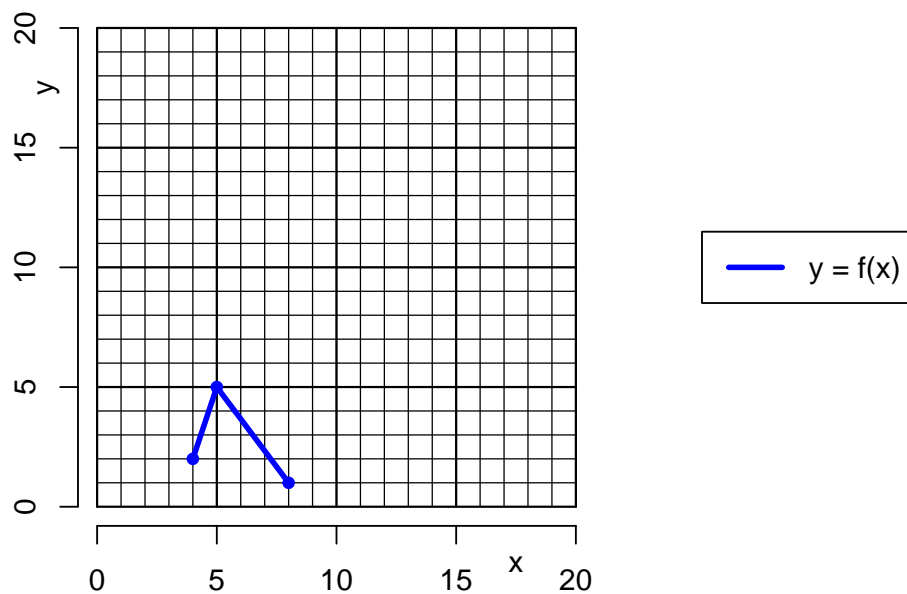


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x+2)] + 6}{2}$$

## Question 2

Curve  $y = f(x)$  contains points  $(4, 2)$  and  $(5, 5)$  and  $(8, 1)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x-2}{2}\right] - 3$$